

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|---------------------|
| L1 | 4 | (("6931370") or ("5337041") or ("6429779") or ("4934483")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/06 09:37 |
| L2 | 0 | audio near10 (gain level volume amplitude) near10 (determin\$3 measur\$3 calculat\$3) near10 (all every) near10 (dequantiz\$3 denormaliz\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/07/06 09:47 |
| L3 | 0 | james.in. and (automatic same measure\$4 same audio same data) and all | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/07/06 09:47 |
| L4 | 3 | ((("6219043") or ("6026232") or ("20020150057")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/06 10:19 |
| S3 | 13 | james.in. and automatic same measure\$4 same audio same data | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/30 14:42 |
| S4 | 0 | carpenter.in. and automatic same measure\$4 same audio same data | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/06 16:57 |
| S5 | 0 | "Hughes Electronics" and automatic same measure\$4 same audio same data | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:19 |
| S6 | 2 | ((("6931370") or ("20040199933")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/13 11:59 |
| S7 | 14 | ((("5966120") or ("5461619") or ("5650825") or ("20020085584") or ("5802068") or ("6137834") or ("6298089") or ("5448568") or ("5506844") or ("6064676") or ("6687247") or ("5987031") or ("7035278") or ("20020146023")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/11 15:33 |
| S8 | 1257 | (381/57-59).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/06 17:22 |
| S9 | 0 | (monitor\$3 check\$3 watch\$3 track\$3 inspect\$3 with ((audio volume) near2 levels) with (MPEG near2 data near2 streams) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/06 17:26 |

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|-----|-----|--|--|----|-----|------------------|
| S10 | 0 | ((monitor\$3 check\$3 watch\$3 track\$3 inspect\$3) same ((audio volume) near2 levels) same (MPEG near2 data near2 streams)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/06 17:27 |
| S11 | 0 | ((audio volume) near2 levels) same (MPEG near2 data near2 streams) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/06 17:27 |
| S12 | 0 | ((audio volume) near2 levels) same (MPEG near2 streams) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/06 17:31 |
| S13 | 0 | (sub-band subband) same stream same (denormali\$5) same threshold same audio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/06 17:34 |
| S14 | 0 | ("6931370").URPN. | USPAT | OR | OFF | 2007/07/06 17:51 |
| S15 | 7 | ("4546212" "5448568" "5734678" "5864816" "5909664" "6278387" "6314391").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/06 18:11 |
| S16 | 2 | ((channel near3 characteristics) with determin\$3 with ((audio volume) near2 level\$1)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/06 18:17 |
| S17 | 0 | ((schedule near3 commercial near2 breaks) with determin\$3 with ((audio volume) near2 level\$1)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/06 18:17 |
| S18 | 0 | ((schedule near3 commercial near2 breaks) same ((audio volume) near2 level\$1)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 14:09 |
| S19 | 10 | ((channel near3 (label name identifier)) same ((audio volume) near2 level\$1)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/06 18:18 |
| S20 | 165 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1 with (label\$1 identification "ID" schedule)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 14:12 |
| S21 | 9 | (((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1 with (label\$1 identification "ID" schedule)) and satellite) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:30 |

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| S22 | 0 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1 with (label\$1 identification "ID" schedule)) and (digital near3 (TV television)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 14:16 |
| S23 | 1 | (((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (label\$1 identification "ID" schedule)) and (digital near3 (TV television)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 14:17 |
| S24 | 10 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (digital near3 (TV television)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 14:21 |
| S25 | 46 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:00 |
| S26 | 8 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG same (sub-band subband) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 15:12 |
| S27 | 13 | imai.in. and image same audio same compress \$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 15:14 |
| S28 | 22 | hasegawa.in. and (audio same information same process\$3) and MPEG | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 15:14 |
| S29 | 0 | ("565625743").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 15:30 |
| S30 | 1 | ("5625743").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 15:39 |
| S31 | 7 | ("4546212" "5448568" "5734678" "5864816" "5909664" "6278387" "6314391").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/11 15:32 |
| S32 | 1 | ("5625743").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 15:39 |
| S33 | 0 | S32 and (volume gain) same level\$1 | USPAT | OR | OFF | 2007/07/11 15:39 |
| S34 | 1 | S32 and (volume gain) | USPAT | OR | OFF | 2007/07/11 15:39 |

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| S35 | 0 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG same ((decompress\$3 denormali\$5 dequant\$6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:01 |
| S36 | 0 | (((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG) and ((decompress\$3 denormali\$5 dequant\$6) near3 (subband sub-band)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:02 |
| S37 | 84 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and ((decompress\$3 denormali\$5 dequant\$6) near3 (subband sub-band)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:02 |
| S38 | 10 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and ((decompress\$3 denormali\$5 dequant\$6) near3 (subband sub-band)) and MPEG | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:26 |
| S39 | 2 | ("6931370") or ("20040199933").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/11 16:10 |
| S40 | 2 | S39 and mpeg | US-PGPUB; USPAT | OR | OFF | 2007/07/11 16:13 |
| S41 | 0 | mpeg and ((measur\$3 determin\$3 calculat\$3) with (audio volume) with pyschoacoustic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:14 |
| S42 | 0 | mpeg and (((measur\$3 determin\$3 calculat\$3) with (audio volume)) same pyschoacoustic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:15 |
| S43 | 2 | mpeg and ((measur\$3 determin\$3 calculat\$3) with (audio volume)) and pyschoacoustic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:16 |
| S44 | 1 | "704"/\$.ccls. and ((measur\$3 determin\$3 calculat\$3) with (audio volume)) and (psychoacoustic near3 model) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:16 |
| S45 | 0 | "381"/\$.ccls. and ((measur\$3 determin\$3 calculat\$3) with (audio volume)) and (psychoacoustic near3 model) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:16 |
| S46 | 1 | ((measur\$3 determin\$3 calculat\$3) with (audio volume)) and (psychoacoustic near3 model) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:17 |

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| S47 | 0 | (mpeg same ((audio volume) near3 level near3 channel\$1)) and (psychoacoustic near3 model) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:18 |
| S48 | 0 | mpeg and ((audio volume) near3 level near3 channel\$1) and (psychoacoustic near3 model) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:18 |
| S49 | 0 | mpeg and ((audio volume) near3 channel\$1) and (psychoacoustic near3 model) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:18 |
| S50 | 1 | mpeg and ((audio volume) with level\$1) and (psychoacoustic near3 model) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:19 |
| S51 | 1 | ((audio volume) with level\$1) and (psychoacoustic near3 model) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:19 |
| S52 | 0 | "Hughes Electronics" and (psychoacoustic near3 model) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:20 |
| S53 | 1 | "704"/\$.ccls. and (psychoacoustic near3 model) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 18:19 |
| S54 | 0 | "381"/\$.ccls. and (psychoacoustic near3 model) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:20 |
| S55 | 34 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and (bit near2 allocat\$3 near3 (subband sub-band)) and MPEG | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:28 |
| S56 | 0 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and (bit near2 allocat\$3 near3 (subband sub-band)) and MPEG and psychoacoustic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:28 |
| S57 | 0 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and (bit near2 allocat\$3 near3 (subband sub-band)) and MPEG and psycho-acoustic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:28 |

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| S58 | 4 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (bit near2 allocat\$3 near3 (subband sub-band)) and MPEG | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 16:31 |
| S59 | 0 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same mpeg same (without near3 decompress\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 17:53 |
| S60 | 0 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (without near3 decompress\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 17:54 |
| S61 | 0 | ((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same ("without" near3 decompress\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 17:54 |
| S62 | 12 | ((measur\$3 determin\$3 calculat\$3) with (audio volume)) same ("without" near3 decompress\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 11:24 |
| S63 | 0 | "704"/\$.ccls. and (weight\$3 near3 instantan\$4 near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 18:20 |
| S64 | 0 | "381"/\$.ccls. and (weight\$3 near3 instantan\$4 near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 18:20 |
| S65 | 9 | (weight\$3 near3 instantan\$4 near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 10:59 |
| S66 | 0 | (subband sub-band) with weight\$3 with ((instantan\$4 instant fast) near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 18:43 |
| S67 | 2 | (subband sub-band) with coefficie\$4 with ((instantan\$4 instant fast) near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/11 18:44 |
| S68 | 20 | (weight\$3 near3 (instant instantan\$4) near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 14:16 |

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| S69 | 0 | (weight\$3 near3 (overall total gross) near2 level) same audio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:08 |
| S70 | 827 | (weight\$3 near3 (overall total gross) near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:09 |
| S71 | 687 | (weight\$3 near3 (overall total gross) near2 level) and (audio background) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:11 |
| S72 | 1 | (weight\$3 near3 (overall total gross) near2 level) same (audio background) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:09 |
| S73 | 0 | (weight\$3 with ((overall total gross) near2 (audio background) near2 level)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:10 |
| S74 | 36 | ((probability near3 (overall total gross) near2 level) and (audio background)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:12 |
| S75 | 3 | ((probability near3 (overall total gross) near2 level) same (audio background)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:12 |
| S76 | 1 | ((probability near3 (instant\$7) near2 level) same (audio background)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:18 |
| S77 | 1 | ("5625743").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:19 |
| S78 | 1 | S77 and weight\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:23 |
| S79 | 0 | (subband sub-band) with (signal near2 power near2 "each" near2 frequency near2 band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:24 |

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| S80 | 0 | (subband sub-band) with (represent\$1) with (signal near2 power) with ("each" near2 frequency near2 band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/12 11:24 |
| S81 | 7 | (subband sub-band) with (represent\$1) with (signal near2 power) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 11:04 |
| S82 | 74 | (subband sub-band) near3 (signal near2 power) near3 band | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 11:05 |
| S83 | 12 | (subband sub-band) near3 (signal near2 power) near3 frequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 11:05 |
| S84 | 12 | ((measur\$3 determin\$3 calculat\$3) with (audio volume)) same ("without" near3 decompress\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 11:24 |
| S85 | 5 | S84 and average | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 11:25 |
| S86 | 0 | ("S6and(programcomputermediumdisc)").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/13 11:59 |
| S87 | 2 | (("6931370") or ("20040199933")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/13 11:59 |
| S88 | 2 | S87 and (program computer medium disc) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 12:08 |
| S90 | 0 | 381/56-59,103-107.ccls. and trigger\$3 with alarm with ((threshold limit) near2 exceed\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 12:11 |
| S91 | 746 | trigger\$3 with alarm with ((threshold limit) near2 exceed\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 12:12 |
| S92 | 14 | (trigger\$3 with alarm with ((threshold limit) near2 exceed\$3)) same (audio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 13:59 |

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| S93 | 14 | (trigger\$3 with (buzzer alarm) with ((threshold limit) near2 exceed\$3)) same (audio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 14:15 |
| S94 | 61 | weight\$3 near3 (instant instantan\$4) near2 (amplitude gain level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 14:19 |
| S95 | 1607 | weight\$3 near3 (total overall) near2 (amplitude gain level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 14:20 |
| S96 | 1 | (weight\$3 near3 (total overall) near2 (amplitude gain level)) same audio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 14:20 |
| S97 | 2 | (weight\$3 near3 (total overall) near2 (sum amplitude gain level)) same audio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 14:21 |
| S98 | 4257 | (weight\$3 near3 (total overall) near2 (sum amplitude gain level)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 14:21 |
| S99 | 17 | (weight\$3 near3 (total overall) near2 (audio gain volume) near2 (sum amplitude level)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 14:22 |
| S100 | 63 | alarm with (set trigger\$2) with (loss near2 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/30 15:22 |
| S101 | 0 | alarm with (set trigger\$2) with (loss near2 audio near2 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/30 14:43 |
| S102 | 2 | alarm with (set trigger\$2) with (average near2 level near3 (high low)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/30 14:52 |
| S103 | 2 | (alarm with (set trigger\$2)) same (average near2 level near3 (high low)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/30 14:53 |

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| S104 | 2 | ((alarm bell buzzer) with (set trigger\$2)) same ((average near2 level near3 (high low)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/30 14:53 |
| S105 | 3 | ((alarm bell buzzer) with (set trigger\$2)) same ((average mean) near2 level near3 (high low)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/30 15:25 |
| S106 | 11 | S100 and (audio sound) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/30 15:22 |
| S107 | 3 | ((alarm bell buzzer) with (set trigger\$2 avtivat \$3 initiat\$3 trip\$4)) same ((average mean) near2 level near3 (high low)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/31 10:10 |
| S108 | 1 | ((alarm bell buzzer) with (set trigger\$2 avtivat \$3 initiat\$3 trip\$4)) same (loss near3 audio near3 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/30 15:27 |
| S109 | 1 | (set trigger\$2 avtivat\$3 initiat\$3 trip\$4) with (loss near3 audio near3 signal) with detect\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:01 |
| S110 | 0 | ((set trigger\$2 avtivat\$3 initiat\$3 trip\$4) adj2 (alarm buzzer bell ring\$3)) with ((average mean) near2 audio near3 (high low)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/31 10:11 |
| S111 | 0 | ((set trigger\$4 avtivat\$3 initiat\$3 trip\$4) adj2 (alarm buzzer bell ring\$3)) with ((average mean) near2 audio near3 (high low)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/12/31 10:11 |
| S112 | 0 | ((set trigger\$2 avtivat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring\$3) adj3 detect\$3 adj3 (loss near3 audio near3 signal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:02 |
| S113 | 0 | ((set trigger\$3 avtivat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring\$3) adj3 detect\$3 adj3 (loss near3 audio near3 signal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:04 |
| S114 | 0 | ((trigger\$3 avtivat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring\$3) adj3 (loss near3 audio near3 signal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:09 |

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| S115 | 0 | ((trigger\$3 activat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring\$3) adj3 (loss near3 audio near3 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:05 |
| S116 | 0 | ((trigger\$3 activat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring\$3) adj3 (loss near3 audio)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:26 |
| S117 | 0 | ((trigger\$3 activat\$3 initiat\$3 trip\$4) near3 (buzzer alarm ring\$3) near3 (loss near3 audio)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:06 |
| S118 | 0 | ((trigger\$3 activat\$3 initiat\$3 trip\$4) near3 (buzzer alarm ring\$3) near3 (loss near3 microphone)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:07 |
| S119 | 36 | ((trigger\$3 activat\$3 initiat\$3 trip\$4) near3 (buzzer alarm ring\$3) near3 (loss near3 signal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:07 |
| S120 | 0 | ((trigger\$3 activat\$3 initiat\$3 trip\$4) near3 (buzzer alarm ring\$3) near3 (loss near3 signal)) same (audio sound) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:13 |
| S121 | 11 | ((detect\$3 recogniz\$3) adj2 loss adj2 audio adj2 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:10 |
| S122 | 8 | ((trigger\$3 activat\$3 initiat\$3 trip\$4) near3 (buzzer alarm ring\$3) near3 (loss near3 signal)) and (audio sound) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:13 |
| S123 | 0 | ((trigger\$3 activat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring\$3) adj3 (loss near3 (audio speech sound music))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:26 |
| S124 | 0 | "381"/\$.ccls. and (detect\$3 adj3 loss adj2 audio) same alarm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:31 |
| S125 | 0 | "381"/\$.ccls. and (detect\$3 adj3 presence adj2 audio) same alarm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:31 |

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| S126 | 30 | "381"/\$.ccls. and (detect\$3 adj3 presence adj2 audio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:31 |
| S127 | 0 | "381"/\$.ccls. and (detect\$3 adj3 loss adj2 audio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:32 |
| S128 | 18 | (detect\$3 adj3 loss adj2 audio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 12:33 |
| S129 | 2 | (("6931370") or ("20040199933")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/05 12:52 |
| S130 | 2 | S129 and medium | US-PGPUB; USPAT | OR | OFF | 2008/01/05 12:52 |
| S131 | 1 | S129 and (disc disk) | US-PGPUB; USPAT | OR | OFF | 2008/01/05 12:53 |
| S132 | 631 | (381/56).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/20 15:58 |
| S133 | 1323 | (381/104,107).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/20 15:58 |
| S134 | 2564 | (704/200,1,500,230,235).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/20 15:58 |
| S135 | 1 | (trigger\$3 activat\$3 initiat\$3 trip\$4) near10 (buzzer alarm ring\$3) near10 loss near10 (audio voice speech) near10 signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/20 16:01 |
| S136 | 0 | MPEG and (sub-band near20 (de-quantiz\$3 dequantiz\$3 unpack\$1) near20 (denormali\$4 uncompress\$2 decompress\$3) near20 audio near20 (gain volume level amplitude) near20 (threshold limit)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/20 16:06 |
| S137 | 0 | MPEG and ((de-quantiz\$3 dequantiz\$3 unpack \$1) near20 (denormali\$4 uncompress\$2 decompress\$3) near20 audio near20 (gain volume level amplitude) near20 (threshold limit)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/20 16:07 |
| S138 | 0 | ((de-quantiz\$3 dequantiz\$3 unpack\$1) near20 (denormali\$4 uncompress\$2 decompress\$3) near20 audio near20 (gain volume level amplitude) near20 (threshold limit)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/20 16:07 |

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| S139 | 1 | MPEG and ((de-quantiz\$3 dequantiz\$3 unpack \$1) near20 (denormali\$4 uncompress\$2 decompress\$3) near20 (threshold limit)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/20 16:07 |
| S140 | 0 | (trigger\$3 activat\$3 initiat\$3 trip\$4) near20 (buzzer alarm ring\$3) near20 (loss near10 audio) near20 stream | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/20 16:08 |
| S141 | 6 | (trigger\$3 activat\$3 initiat\$3 trip\$4) near20 (buzzer alarm ring\$3) near20 (loss near10 audio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/20 16:09 |
| S142 | 2 | video and ((de-quantiz\$3 dequantiz\$3 unpack \$1) near20 (denormali\$4 uncompress\$2 decompress\$3) near20 (threshold limit)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/20 16:11 |
| S143 | 0 | "381"/\$.ccls. and (trigger\$3 activat\$3 initiat\$3 trip\$4) near10 (buzzer alarm ring\$3) near10 (absense loss) near10 (audio speech sound music) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 10:55 |
| S144 | 2 | "381"/\$.ccls. and (buzzer alarm ring\$3) near10 (absense loss) near10 (audio speech sound music) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 10:56 |
| S145 | 19 | ((trigger\$3 activat\$3 initiat\$3 trip\$4) near10 (buzzer alarm ring\$3) near10 (absense loss) near10 (audio speech sound music)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 10:56 |
| S146 | 7 | ((trigger\$3 activat\$3 initiat\$3 trip\$4) near10 (buzzer alarm ring\$3) near10 (absense loss) near10 (signal)) same (audio sound music) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 10:59 |
| S147 | 0 | james.in. and (automatic same measure\$4 same audio same data) and (weight\$3 near10 channel near10 instantan\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 13:47 |
| S148 | 0 | james.in. and (automatic same measure\$4 same audio same data) and (weight\$3 near10 instantan\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 13:47 |
| S149 | 0 | "381"/\$.ccls. and (channel near10 weight\$3 near10 (instant\$6) near10 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 13:49 |

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| S150 | 21 | "381"/\$.ccls. and (weight\$3 near10 (instant\$6 overall total) near10 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 13:51 |
| S151 | 0 | "381"/\$.ccls. and (subband sub-band) near10 represent\$5 near10 strength near10 frequency near10 band | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 14:02 |
| S152 | 1 | (subband sub-band) near10 represent\$5 near10 strength near10 frequency near10 band | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 14:03 |
| S153 | 28 | (subband sub-band) near10 represent\$5 near10 (strength power) near10 frequency near10 band | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 14:04 |
| S154 | 3614 | (381/102-109,56,59).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 16:06 |
| S155 | 2564 | (704/200,1,500,230,235).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 16:06 |
| S156 | 30 | (subband sub-band) near10 (symboli\$3 exemplif \$3 constit\$4 compris\$2 represent\$5) near10 (strength power) near10 frequency near10 band | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 16:09 |
| S157 | 0 | ("2001004267").PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/21 16:45 |
| S158 | 1 | ("20010047267").PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/21 16:46 |
| S159 | 0 | MPEG near20 extract\$3 near20 (subband sub-band) near20 (dequant\$3 decipher) near20 (denormal\$4 \$2compress\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 16:56 |
| S160 | 0 | MPEG and (extract\$3 near20 (subband sub-band) near20 (dequant\$3 decipher) near20 (denormal\$4 \$2compress\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 16:57 |
| S161 | 20 | MPEG and ((subband sub-band) near20 (dequant\$3 decipher) near20 (denormal\$4 \$2compress\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 16:57 |

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| S162 | 1 | MPEG near10 (subband sub-band) near20 (parser) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 17:07 |
| S163 | 2 | MPEG near10 (subband sub-band) near20 (pars \$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 17:07 |
| S164 | 35 | (subband sub-band) near20 represent\$5 near20 (strength power) near10 frequency near10 band | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 17:08 |
| S165 | 41 | (subband sub-band) near10 (compris\$3 constitut\$3 correspond\$3 represent\$3) near10 (strength power) near10 frequency near10 band | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/05/21 17:23 |
| S166 | 1391 | ((381/57-59).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/12/21 22:36 |
| S167 | 1386 | ((381/104,107).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/12/21 22:36 |
| S168 | 12832 | ((704/200,1,500,230,235).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/12/21 22:36 |
| S169 | 1 | ("20010047267").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/22 09:06 |
| S170 | 1460 | ((381/57-59).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/06/22 09:12 |
| S171 | 1437 | ((381/104,107).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/06/22 09:12 |
| S172 | 3095 | ((704/200,1,500,230,235).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/06/22 09:12 |
| S173 | 8 | (buzzer alarm ring\$3) near20 (absense loss) near10 (audio speech sound music) near20 threshold\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/06/22 09:59 |

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| S174 | 0 | james.in. and (automatic same measure\$4 same audio same data) and (threshold\$3 near10 loss) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/06/22 10:08 |
| S175 | 3 | james.in. and (automatic same measure\$4 same audio same data) and (loss) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/06/22 10:08 |
| S176 | 11 | ((buzzer alarm ring\$3) near20 (absence loss) near10 (audio speech sound music) near20 threshold\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/01/03 17:37 |
| S177 | 2149 | ((381/56-59).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/01/03 17:44 |
| S178 | 3388 | ((704/200,1,500,230,235).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/01/03 17:44 |
| S179 | 1510 | ((381/104,107).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/01/03 17:45 |
| S180 | 3 | ((buzzer alarm ring\$3) near20 (average mean rms) near10 (level gain amplitude volume) near10 (audio speech sound music stream) near20 (high low) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/01/03 17:51 |
| S181 | 1 | ("20010047267").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/03 17:54 |
| S182 | 0 | ((level gain amplitude volume power) near10 (subband sub-band) near20 (square near5 root) near20 (sum near5 squares) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/01/03 18:01 |
| S183 | 0 | ((subband sub-band) near20 (square near5 root) near20 (sum near5 squares) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/01/03 18:02 |
| S184 | 0 | dequantiz\$3 near10 denormaliz\$3 near10 all near10 (subband\$1 sub-band\$1) | USPAT | OR | OFF | 2010/01/18 21:25 |
| S185 | 0 | dequantiz\$3 near10 denormaliz\$3 near10 all near10 (subband\$1 sub-band\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/01/18 21:25 |

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